

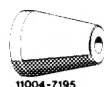
33—430 Replacement of sleeves for supporting and guide joint of steering knuckle bearings

Lubricant

Grease type	Longterm grease, refer to Specifications for service products page 266.2
Grease quantity between housing and sleeve of supporting and guide joint	5—6 g

Special tools

Assembly sleeve for wire tensioning ring of supporting joint sleeve



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Assembly sleeve for wire tensioning ring of guide joint sleeve



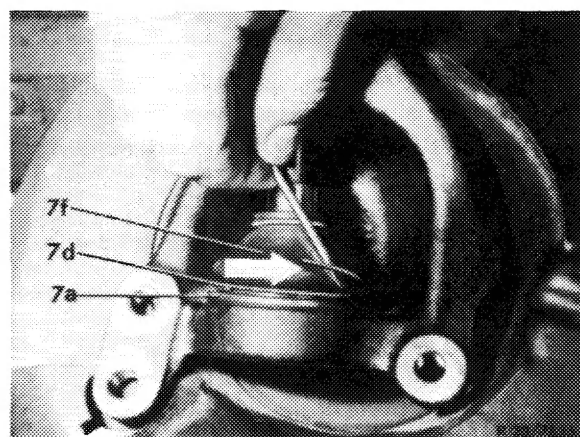
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Notes

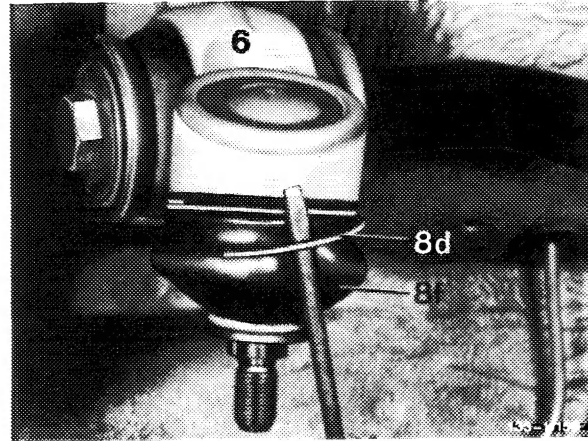
During assembly jobs, immediately replace damaged sleeves. **Never replace damaged or leaking sleeves on used joints.** In such a case, always replace supporting joint or upper control arm.

Removal

- 1 Lift wire tensioning ring (7d or 8d) at one end with a screwdriver and remove in direction of arrow.



Supporting joint



Guide joint

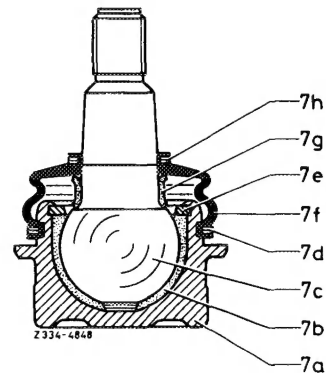
2 Remove sleeve (7f or 8f) and remove used grease from ball joint.

Attention!

Do not wash ball joint.

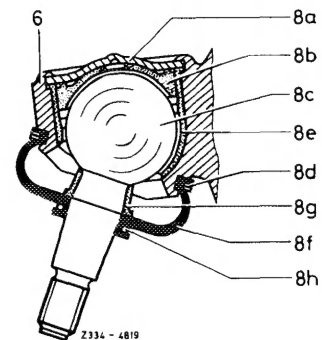
Supporting joint

- | | |
|-------------------------|-------------------------|
| 7a Housing | 7e Washer |
| 7b Ball cup | 7f Sleeve |
| 7c Ball pin | 7g Supporting ring |
| 7d Wire tensioning ring | 7h Wire tensioning ring |



Guide joint

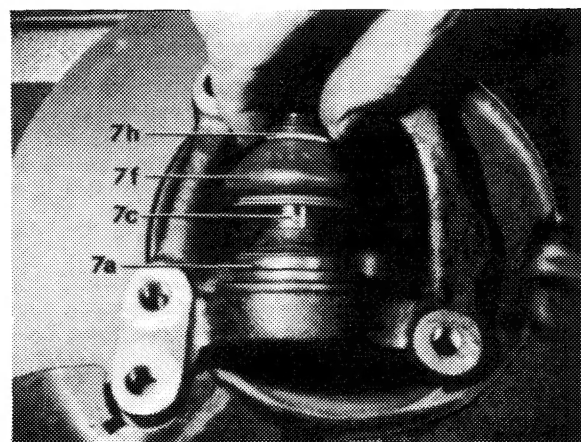
- | | |
|-------------------------|-------------------------|
| 6 Upper control arm | 8e Ball cup |
| 8a Closing cover | 8f Sleeve |
| 8b Upper ball cup | 8g Supporting ring |
| 8c Ball pin | 8h Wire tensioning ring |
| 8d Wire tensioning ring | |



Installation

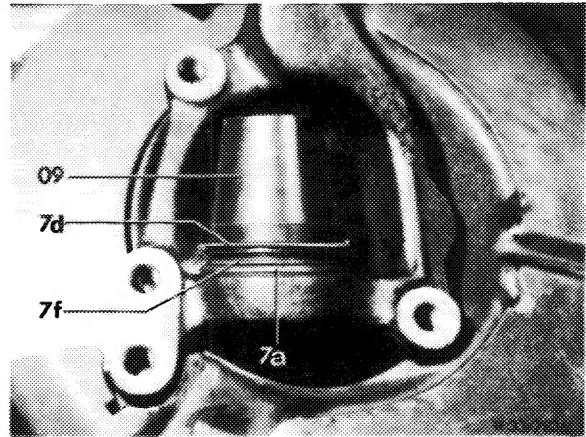
3 Provide space between housing (6 or 7a) and ball pin (7c or 8c) with fresh grease supply, making sure that the seat of the sleeve on the housing remains free of grease.

4 Set ball pin vertical and slip on new sleeve with clamping ring (7h or 8h) inserted.



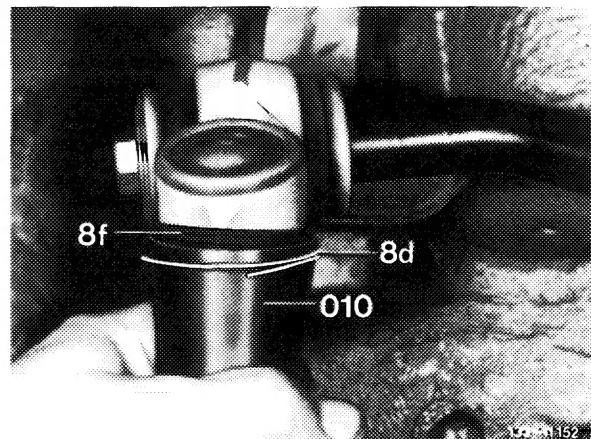
5 Slip wire tensioning ring (7d or 8d) on respective assembly sleeve (09 or 010) until cylindrical part of sleeve is reached.

6 Place assembly sleeve on supporting or guide joint in such a manner that the groove for seat of wire tensioning ring on sleeve is just still free. Then slip wire tensioning ring on sleeve of joint.



Attention!

Slip-on wire tensioning ring (8d) of guide joint in such a manner that parting joint points in driving direction.



7 Check seat of mounted sleeve.

